

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,973,184 B1  
APPLICATION NO. : 09/614535  
DATED : December 6, 2005  
INVENTOR(S) : Shaffer et al.

Page 1 of 1

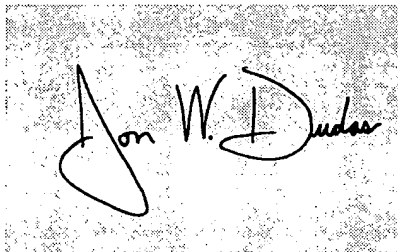
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 10, line 6, please replace "input 10" with --input I0--

At column 17, line 10, please replace "sample steam" with --sample stream--

Signed and Sealed this

Thirtieth Day of January, 2007

A handwritten signature in black ink, reading "Jon W. Dudas", is centered within a rectangular box. The signature is written in a cursive, flowing style.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*